Attached to Paper No. 4

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION
(Use several sheets if necessary)

Docket No.: A1713	Application No.: 09/898,398
Applicant: James S. Hutchison	
Filing Dat : 07/03/01	Gr up Art Unit: 1641

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	4,066,410	01/03/78	Eisentraut	23	230.6	02/02/76
JH	4,369,138	01/18/83	Lindall	260	112.5 R	09/16/81
JH	4,380,580	04/19/83	Boguslaski et al.	435	7	04/19/83
JH	4,508,828	04/02/85	Lindall et al.	436	500	03/21/83
JH	5,395,938	03/07/95	Ramakrishnan	546	104	08/21/92
JH	5,712,105	01/27/98	Yanaihara et al.	435	7.94	10/25/95
JH	5,872,221	02/16/99	Martin et al.	530	388.85	01/25/93
JH	5,895,746	04/20/99	Risteli et al.	435	7.1	06/07/95
JH	6,030,790	02/29/00	Adermann et al.	435	7.1	
JH	6,043,042	03/28/00	Shone et al.	435	7.1	01/30/98
JH	Re. 33,188	03/27/90	Noda et al.	530	324	04/03/89

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JH	AA	Two pages from an Internet web site entitled "Parathyroid Hormone". Applicant is unaware of the author of the publication. The reference was published by the College of Veterinary Medicine, University of Missouri about 1999-2000.
JH	AB	Schievano et al., "Conformational studies of parathyroid hormone (PTH)/PTH-related protein (PTHrP) Chimeric Peptides", *Biopolymers*, 54:429-447(2000).
JH	AC	Piserchio et al., "Characterization of parathyroid hormone/receptor interactions: structure of the first extracellular loop", *Biochemistry*, 39:8153-8160 (2000).
JH	AD	Pellegrini et al., "Addressing the tertiary structure of human parathyroid hormone-(1-34)", *Journal of Biological Chemistry*, 273(17):10420-10427 (1998).
JH	AE	Grauschopf et al., "The N-terminal fragment of human parathyroid hormone receptor 1 constitutes a hormone binding domain and reveals a distinct disulfide pattern", *Biochemistry*, 39:8878-8887 (2000).
JH	AF	Thirteen page package insert entitled "Intact-PTH [Parathyroid Hormone] ELISA [Enzyme-Linked Immunosorbent Assay] Catalog # 80-3000. The package insert was published on 12/23/97 by Immutopics International.
JH	AG	Lepage et al., "A non-(1-84) circulating parathyroid hormone (PTH) fragment interferes significantly with intact PTH commercial assay measurements in uremic samples", *Clinical Chemistry*, 44(4):805-809 (1998).

EXAMINER	DATE CONSIDERED
James L. Goin	11/10/2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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JW	AH	Fleetwood et al., "Rapid PTH assay by simple modification of Nichols Intact PTH-parathyroid hormone assay kit", *Clinical Chemistry*, 42(9):1498 (1996).
JW	AI	John et al., "A novel immunoradiometric assay detects full-length human PTH but not amino-terminally truncated fragments: implications for PTH measurements in renal failure", *Journal of Clinical Endocrinology & Metabolism*, 84(11):4287-4290 (1999).
JW	AJ	Chu et al., "Intact vs C-terminal/mid-region parathyrin (PTH) assay in diagnosis of hyperparathyroidism-a clinical evaluation", *Clinical Chemistry*, 32(12):2206-2207 (1986).
JW	AK	Gelfman et al., "Morphological correlations with Nichols Institute PTH assay, comparison of biterminal and C-terminal antisera in hemodialysis patients", *Proc. Dialysis Transplant Forum*, pp. 227-233 (1980).
JW	AL	Marx et al., "Structure-activity relation of NH_2-terminal human parathyroid hormone fragments", *Journal of Biological Chemistry*, 273(8):4308-4316 (1998).
JW	AM	Jin et al., "Crystal structure of human parathyroid hormone 1-34 at 0.9-A resolution", *Journal of Biological Chemistry*, 275(35):27238-27244 (2000).
JW	AN	Peggion et al., "Conformation studies of parathyroid hormone (PTH)/PTH-related protein (PTHrP) point mutated hybrids", *Biopolymers*, 50:525-535 (1999).
JW	AO	McKillop et al., "Production and characterization of specific antibodies for evaluation of glycated insulin in plasma and biological tissues", *Journal of Endocrinology*, 167:153-163 (2000).
JW	AP	Barbier et al., "Structure and activities of constrained analogues of human parathyroid hormone and parathyroid hormone-related peptide: implications for receptor-activating conformations of the hormones", *Biochemistry*, 39:14522-14530 (2000).
JW	AQ	Carter et al., "Studies of the N-terminal region of a parathyroid hormone-related peptide (1-36) analog: receptor subtype-selective agonists, antagonists, and photochemical cross-linking agents", *Endocrinology*, 140(11):4972-4981 (1999).
JW	AR	Rolz et al., "Molecular characterization of the receptor-ligand complex for parathyroid hormone", *Biochemistry*, 38:6397-6405 (1999).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JDR	AS	Wingender et al., "Expression of human parathyroid hormone in Escherichia coli", *Journal of Biological Chemistry*, 264(8):4367-4373 (1989).
JDR	AT	Zanelli et al., "Biological activities of synthetic human parathyroid hormone (PTH) 1-84 relative to natural bovine 1-84 PTH in two different *in vivo* bioassay systems", *Endocrinology*, 117(5):1962-1967 (1985).
JDR	AU	Six pages from an Internet web site, entitled "Parathyroid hormone, intact molecule". The web pages were printed May 26, 2001. This reference was only published on the web site, and was published in Spring, 2001. Applicant is unaware of the author of the publication.
JDR	AV	One page from an Internet web site, entitled "N-terminal parathyroid hormone = biologically active fragment, = PTH (1-37)". The web page was printed on May 26, 2001. It appears that this reference was published in 2000. Applicant is unaware of the author of the reference, however it appears that the reference is a copyright of Dr. Limbach & colleagues.
JDR	AW	Nine page package insert entitled "Gamma-B® C.T. intact PTH N-terminal capture". The reference appears to be published by IDS Ltd, England. The reference was published May 26, 1999. Applicant is unaware of the author of the reference.
JDR	AX	Moller et al., abstract entitled "Quick-intraoperative intact PTH: an intra-operative assay for the quantitative determination of parathyroid levels in human serum and EDTA plasma". Applicant is unaware of the publication date, but it may have been published in 1997.

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